

EXHIBIT "A" - PENDING CLAIMS

1 12. A Bragg reflector comprising:

2 one or more first layers adjacent one or more second layers, the first and second layers having
3 at least one sidewall, wherein the first and second layers define one or more gaps; and
4 a support layer formed over at a least portion of the sidewalls to support the second layers
5 against intrusion into the one or more gaps.

1 13. The Bragg reflector of claim 12 wherein the second layers and the support
2 layer comprise substantially the same material.

1 14. The Bragg reflector of claim 12 wherein at least a portion of the support layer
2 is electrically conductive.

1 15. The Bragg reflector of claim 12 wherein at least a portion of the support layer
2 is electrically non-conductive.

1 16. A distributed Bragg reflector comprising:

2 a substrate;

3 a plurality structure layers on the substrate each spaced apart by a gap, the
4 structure layers each having edges; and

5 a support layer about a portion of the edges for supporting the structure layers.

1 17. The distributed Bragg reflector of claim 16 further comprising sacrificial
2 layers between the structure layers, the sacrificial layers undercut to define the gaps.

1 18. The distributed Bragg reflector of claim 16 wherein the support layer
2 comprises a material selected from the group consisting of InP, GaAs, and Si.

1 19. The distributed Bragg reflector of claim 16 wherein the structure layers
2 comprise a material selected from the group consisting of InP, GaAs, and Si.

1 20. The distributed Bragg reflector of claim 16 wherein the support layer covers at
2 least a portion of a top of the structure layers.

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